

## ABSTRACT OF THE DISCLOSURE

Air conducting connector with simplified wiring layout and water-proofing. Connector 2 has air conduction path 3, having a first opening 3a and a second opening 3b. A heater wire 5, air conducting wire and terminal 6 of ECU side are inserted into the first opening 3a, while an air-conducting heater wire 7 and terminal 8 of sensor side are inserted into second opening 3b. Within the air conduction path 3, the ECU side terminal 6 and the sensor side terminal 8 are electrically interconnected. First opening 3a is sealed with resin. The rear part of the air conduction path 3 is sealed with a sealing material 8b. The sensor side terminal 8 and the ECU side terminal 6 are electrically interconnected on insertion to communicate an air conducting part of the sensor side heater wire 7 with an air conducting part of the ECU side heater wire 5 through air conduction path 3.